

## CLAIMS

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1 (Amended). A digital projector comprising:

an input receiving digital data defining image frames; and

an optical modulator adapted to generate a series of images corresponding to said digital data, said images being separated by black intervals selected to induce a stroboscopic effect in the eye of a viewer, said stroboscopic effect being selected to improve relative motion perception.

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6 (Amended). A digital projector adapted to generate moving images from a stream of data arranged in digital frames, said projector comprising:

an input adapted to receive said stream of data;

a timer adapted to generate blink signals in synchronism with said digital frames, said blink signals being adapted to define a black interval adapted to induce a stroboscopic effect to improve relative motion perception; and

an optical image generator adapted to generate a sequence of optical images corresponding to said sequence of digital frames, said optical images being separated by said black intervals.

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12 (Amended). A method of generating moving images from data comprising :

generating blink signals defining black intervals selected to induce a stroboscopic effect in the eyes of a viewer to improve relative motion perception;

converting said data into images; and

projecting said images on a screen with said images being separated by said

at  
end

black intervals.

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14 (Amended). The method of claim 12 further comprising defining frames having frame durations that define the rate at which said images are projected.

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15 (Amended). The method of claim 14 wherein said black intervals are at least 50% of said frame durations.

16 (Amended). The method of claim 12 wherein said data is partitioned into digital frames, the data of each frame defining a corresponding image, and wherein one black interval is associated with each digital frame.

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17(New). The method of claim 12 wherein said blink signals are selected to imitate the blinking of the viewer's eye.

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